

ABSTRACT OF THE DISCLOSURE

According to one aspect of the invention, a fluidic actuator and a control system for the fluidic actuator may be provided. A first component of the actuator may have two openings interconnected by a passageway. A second component may be moveably housed within the passageway and divide the passageway into two portions. A fluid delivery system may be connected to the two openings. The fluid delivery system may supply a first pressure of fluid to the first portion of the passageway causing the second component to move within the passageway at a first speed. When the second component is in a selected position within the passageway, the fluid delivery system may reduce the pressure of the fluid, causing a reduction in speed of the second component. The fluidic actuator may be used in a wafer processing system.